1600

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         RAW SEQUENCE LISTING                    DATE: 10/01/2002
         PATENT APPLICATION:  US/09/700,769      TIME: 11:11:13

         Input Set : A:\DEX-109.ST25.txt
         Output Set: N:\CRF4\10012002\I700769.raw

    3 <110> APPLICANT: Macina, Roberto
    4        Yang, Fei
    5        Sun, Yongming
    7 <120> TITLE OF INVENTION: A Novel Method of Diagnosing, Monitoring and Staging Colon
Cancer
    9 <130> FILE REFERENCE: DEX-0109
   11 <140> CURRENT APPLICATION NUMBER: US 09/700,769
   12 <141> CURRENT FILING DATE: 2001-01-04
   14 <150> PRIOR APPLICATION NUMBER: PCT/US99/10498
   15 <151> PRIOR FILING DATE: 1999-05-12
   17 <150> PRIOR APPLICATION NUMBER: US 60/086,266
   18 <151> PRIOR FILING DATE: 1998-05-21
   20 <160> NUMBER OF SEQ ID NOS: 10
   22 <170> SOFTWARE: PatentIn version 3.1
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Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

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  559 <210> SEQ ID NO: 10
  560 <211> LENGTH: 510
  561 <212> TYPE: PRT
  562 <213> ORGANISM: Homo sapiens
  564 <400> SEQUENCE: 10
  566 Met Arg Pro Gly Leu Ser Phe Leu Leu Ala Leu Leu Phe Phe Leu Gly
  567 1               5                   10                  15
  570 Gln Ala Ala Gly Asp Leu Gly Asp Val Gly Pro Pro Ile Pro Ser Pro
  571             20                  25                  30
  574 Gly Phe Ser Pro Phe Pro Gly Val Asp Ser Ser Ser Ser Phe Ser Ser
  575         35                  40                  45
  578 Ser Ser Arg Ser Gly Ser Ser Ser Ser Arg Ser Leu Gly Ser Gly Gly
  579     50                  55                  60
  582 Ser Val Ser Gln Leu Phe Ser Asn Phe Thr Gly Ser Val Asp Asp Arg
  583 65                  70                  75                  80
  586 Gly Thr Cys Gln Cys Ser Val Ser Leu Pro Asp Thr Thr Phe Pro Val
  587             85                  90                  95
  590 Asp Arg Val Glu Arg Leu Glu Phe Thr Ala His Val Leu Ser Gln Lys
  591             100                 105                 110
  594 Phe Glu Lys Glu Leu Ser Lys Val Arg Glu Tyr Val Gln Leu Ile Ser
  595         115                 120                 125
  598 Val Tyr Glu Lys Lys Leu Leu Asn Leu Thr Val Arg Ile Asp Ile Met
  599     130                 135                 140
  602 Glu Lys Asp Thr Ile Ser Tyr Thr Glu Leu Asp Phe Glu Leu Ile Lys
  603 145                 150                 155                 160
  606 Val Glu Val Lys Glu Met Glu Lys Leu Val Ile Gln Leu Lys Glu Ser
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PATENT APPLICATION: US/09/700,769   TIME: 11:11:13

Input Set : A:\DEX-109.ST25.txt
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607                  165                  170                  175
610 Phe Gly Gly Ser Ser Glu Ile Val Asp Gln Leu Glu Val Glu Ile Arg
611              180                  185                  190
614 Asn Met Thr Leu Leu Val Glu Lys Leu Glu Thr Leu Asp Lys Asn Asn
615          195                  200                  205
618 Val Leu Ala Ile Arg Arg Glu Ile Val Ala Leu Lys Thr Lys Leu Lys
619      210                  215                  220
622 Glu Cys Glu Ala Ser Lys Asp Gln Asn Thr Pro Val Val His Pro Pro
623 225                  230                  235                  240
626 Pro Thr Pro Gly Ser Cys Gly His Gly Gly Val Val Asn Ile Ser Lys
627              245                  250                  255
630 Pro Ser Val Val Gln Leu Asn Trp Arg Gly Phe Ser Tyr Leu Tyr Gly
631              260                  265                  270
634 Ala Trp Gly Arg Asp Tyr Ser Pro Gln His Pro Asn Lys Gly Leu Tyr
635          275                  280                  285
638 Trp Val Ala Pro Leu Asn Thr Asp Gly Arg Leu Leu Glu Tyr Tyr Arg
639      290                  295                  300
642 Leu Tyr Asn Thr Leu Asp Asp Leu Leu Leu Tyr Ile Asn Ala Arg Glu
643 305                  310                  315                  320
646 Leu Arg Ile Thr Tyr Gly Gln Gly Ser Gly Thr Ala Val Tyr Asn Asn
647              325                  330                  335
650 Asn Met Tyr Val Asn Met Tyr Asn Thr Gly Asn Ile Ala Arg Val Asn
651          340                  345                  350
654 Leu Thr Thr Asn Thr Ile Ala Val Thr Gln Thr Leu Pro Asn Ala Ala
655          355                  360                  365
658 Tyr Asn Asn Arg Phe Ser Tyr Ala Asn Val Ala Trp Gln Asp Ile Asp
659      370                  375                  380
662 Phe Ala Val Asp Glu Asn Gly Leu Trp Val Ile Tyr Ser Thr Glu Ala
663 385                  390                  395                  400
666 Ser Thr Gly Asn Met Val Ile Ser Lys Leu Asn Asp Thr Thr Leu Gln
667              405                  410                  415
670 Val Leu Asn Thr Trp Tyr Thr Lys Gln Tyr Lys Pro Ser Ala Ser Asn
671          420                  425                  430
674 Ala Phe Met Val Cys Gly Val Leu Tyr Ala Thr Arg Thr Met Asn Thr
675          435                  440                  445
678 Arg Thr Glu Glu Ile Phe Tyr Tyr Tyr Asp Thr Asn Thr Gly Lys Glu
679      450                  455                  460
682 Gly Lys Leu Asp Ile Val Met His Lys Met Gln Glu Lys Val Gln Ser
683 465                  470                  475                  480
686 Ile Asn Tyr Asn Pro Phe Asp Gln Lys Leu Tyr Val Tyr Asn Asp Gly
687              485                  490                  495
690 Tyr Leu Leu Asn Tyr Asp Leu Ser Val Leu Gln Lys Pro Gln
691              500                  505                  510
E--> 697  12
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VERIFICATION SUMMARY   DATE: 10/01/2002
PATENT APPLICATION: US/09/700,769   TIME: 11:11:14

Input Set : **A:\DEX-109.ST25.txt**
Output Set: **N:\CRF4\10012002\I700769.raw**

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L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:720
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1020
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:660
L:697 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10
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